



Alfa Romeo Product Lineup

2018 Alfa Romeo Stelvio SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted.
Information shown is correct at time of publication and is subject to change.

GENERAL INFORMATION

Vehicle Type	Mid-size SUV, all-wheel drive (AWD)
Assembly Plant	Cassino Assembly Plant, Cassino, Italy
EPA Vehicle Class	Mid-size SUV

BODY/CHASSIS

Layout	Longitudinal front engine, AWD
Construction	Unitized high-strength steel body Aluminum front and rear vehicle frames, front shock towers, brakes, suspension components, doors, fenders, roof and hood Composite rear cross member Carbon fibre driveshaft

ENGINE: ALL-ALUMINUM 2.0-LITRE TURBOCHARGED 4-CYLINDER 280 HP AWD ENGINE

Availability	Standard on Stelvio and Stelvio Ti
Type and Description	Inline-4, direct injection, turbo
Displacement	1,993 cc (121.7 cu. in.)
Bore x Stroke	84.0 x 89.9 (3.31 x 3.54)
Valve System	MultiAir2, SOHC, 4 valves per cylinder with silent chain-driven timing drive Hollow assembled exhaust camshaft with end pivot roller finger followers and hydraulic lash adjusters
Turbocharger	Direct mount twin-scroll turbocharger with electric wastegate actuation Intake manifold with liquid-cooled charge air cooler
Fuel Injection	Gasoline direct-injection with injector centrally located in the combustion chamber Max injection pressure 2,900 psi
Construction	Cylinder head: permanent mould air-quenched cast aluminum alloy with integrated exhaust manifold Crankcase: precision and cast aluminum alloy with casted steel liners Crankshaft: super-finished forged nitride steel with journals offset from cylinder bore centreline Piston: forged aluminum cooled with pressure-actuated oil jets



Power (SAE net)	280 hp (209 kW) @ 5,200 rpm (140 hp/litre)
Torque (SAE net)	306 lb-ft (415 N•m) @ 2,000 - 4,800 rpm
Redline on the Instrument Cluster	5,500 rpm
EnerGuide Fuel Economy L/100 km (MPG) (city/hwy/combined)	10.8 (26) / 8.3 (34) / 9.6 (29)

ENGINE: ALL-ALUMINUM 2.9-LITRE TWIN-TURBOCHARGED V6 505 HP AWD ENGINE

Availability	Stelvio Quadrifoglio
Type and Description	V6, 90-degree, direct injection
Displacement	2,891 cm ³ (176.4 cu. in.)
Bore x Stroke	86.5 x 82.0 (3.40 x 3.23)
Valve System	Chain-driven DOHC with intake and exhaust continuous camshaft phasing 4 valves per cylinder roller finger-actuated with hydraulic lash adjusters Mechanical cylinder deactivation on right bank
Turbochargers	Integrated IHI single-scroll turbo manifold with water charge air cooler
Fuel Injection	Gasoline direct-injection, side mounted Max injection pressure 2,900 psi
Construction	Cylinder head and cover: aluminum alloy with integrated cam carrier Crankcase: closed deck aluminum alloy with wet steel liner Bedplate: aluminum alloy with integrated blow-by control reed valves Crankshaft: super-finished forged nitride steel with single con-rod pin Piston: forged aluminum cooled with twin oil jets
Compression Ratio	9.3:1
Power (SAE net)	505 hp (377 kW) @ 6,500 rpm (175 hp/litre)
Torque (SAE net)	443 lb-ft (600 N•m) @ 2,500-5,500 rpm
Redline on the Instrument Cluster	6,500 rpm
Max. Engine Speed	7,400 rpm
Fuel Requirement	Premium unleaded, 91 octane (R+M)/2
EnerGuide Fuel Economy L/100 km (MPG) (city/hwy/combined)	14.1 (20) / 10.4 (27) / 12.4 (23)
Engine Assembly Plant	Termoli, Italy



TRANSMISSION: 8HP50 8-SPEED TURBO AUTOMATIC (2.0-LITRE)

Availability	Stelvio and Stelvio Ti
Gearbox Type	AT8
Gearbox Family	8HP50
Gear Ratios	
1st	5.000
2nd	3.200
3rd	2.143
4th	1.720
5th	1.314
6th	1.000
7th	0.822
8th	0.640
Transmission Type	AWD
Final Drive Ratio	3.73

TRANSMISSION: 8HP75 8-SPEED TURBO AUTOMATIC (2.9-LITRE)

Availability	Stelvio Quadrifoglio
Gearbox Type	AT8
Gearbox Family	8HP75
Gear Ratios	
1st	5.000
2nd	3.200
3rd	2.143
4th	1.720
5th	1.314
6th	1.000
7th	0.822
8th	0.640
Transmission Type	AWD
Final Drive Ratio	3.73



Alfa Romeo Product Lineup

SUSPENSION

Front	Double wishbone with semi-virtual steering axle
Rear	Alfa Link design with vertical rod link (patented design)
Active Damping	Standard on Stelvio Quadrifoglio Included with Performance Packages on Stelvio Ti

STEERING

Type	Rack and pinion with Variable Electric Assist
Ratio	12:1

BRAKES

Standard Brake System	Standard on Stelvio and Stelvio Ti
Front	
Rotor size and type	330 x 28 (13.0 x 1.1)
Caliper size and type	Brembo 4-piston calipers
Rear	
Rotor size and type	320 x 22 (12.5 x .86)
Caliper size and type	Single-piston calipers
High-Performance Brembo Brake System	Standard on Stelvio Quadrifoglio
Front	
Rotor size and type	360 x 32 (14.2 x 1.26) vented
Caliper size and type	6-piston aluminum-monoblock calipers
Rear	
Rotor size and type	350 x 28 (13.8 in x 1.1 in) vented
Caliper size and type	4-piston aluminum-monoblock calipers
Ultra-High-Performance Brembo Carbon Ceramic Material (CCM) Brake System	Optional on Stelvio Quadrifoglio
Front	
Rotor size and type	390 x 36 (15.4 x 1.3) 2-piece, vented carbon ceramic matrix
Caliper size and type	6-piston aluminum-monoblock calipers
Rear	
Rotor size and type	360 x 28 (14.2 x 1.1) 2-piece, vented carbon ceramic matrix
Caliper size and type	4-piston aluminum-monoblock calipers



Alfa Romeo Product Lineup

DIMENSIONS AND CAPACITIES

Wheelbase	2,818 (111)
Track, Front	1,612 (63.5) – Stelvio and Stelvio Ti 1,555 (61.2) – Stelvio Quadrifoglio
Track, Rear	1,650 (65.0) – Stelvio and Stelvio Ti 1,608 (63.3) – Stelvio Quadrifoglio
Overall Length	4,688 (184.6) – Stelvio and Stelvio Ti 4,702 (185.1) – Stelvio Quadrifoglio
Overall Width (not including mirrors)	1,903 (74.9) – Stelvio and Stelvio Ti 1,955 (77.0) – Stelvio Quadrifoglio
Overall Height	1,677 (66.0) – Stelvio and Stelvio Ti 1,685 (66.3) – Stelvio Quadrifoglio
Behind Second-Row Seats, litre (cu. ft.)	525 (18.5)
Maximum Cargo Volume, litre (cu. ft.)	1,600 (56.5)
Drag Coefficient (Cd)	0.32 – Stelvio and Stelvio Ti 0.34 – Stelvio Quadrifoglio
Towing Capacity, kg (lb.)	1,361 (3,000)
Fuel Tank Capacity, litre (US gal.)	64 (16.9)
Ground Clearance	207 (8.1) – Stelvio and Stelvio Ti 201 (7.9) – Stelvio Quadrifoglio
Curb Weight, kg (lb.)	1,834 (4,044) – Stelvio and Stelvio Ti 1,978 (4,360) – Stelvio Quadrifoglio

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Headroom, F/R	1,020 (40.2) / 987 (38.9)
Legroom, F/R	929 (36.6) / 810 (31.9)

